

**NEBRASKA****WEATHER & CROPS**

For Week Ending 9/25/83

Issue: 29-83

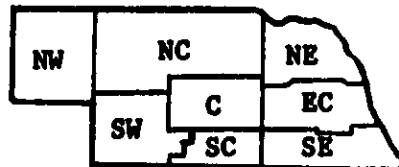
Released: 9/26/83 - 3:00 p.m.

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NEBRASKA  
**CROP & LIVESTOCK  
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Less than a tenth of an inch of rain fell over the Panhandle and southwest with scattered showers over the remainder of the State producing near a quarter to three-quarters of an inch of precipitation. Temperatures were six to nine degrees below normal.

GENERAL

Harvesting of Nebraska's fall maturing row crops became more widespread last week. However, full scale harvest activities are not expected for another week to two weeks. Stalk breakage on standing corn and sorghum was a concern with producers anxious to harvest these fields. Hard freezing temperatures were experienced over the western two-thirds of the State with most areas in the eastern third of the State just dipping below the freezing mark. Damage was indicated as light except in parts of the Panhandle, where temperatures in the teens caused some potatoes to freeze in the ground and damaged sugar beet leaf surfaces. Days suitable for fieldwork were 6.0.

Topsoil moisture supplies rated 59% short and 41% adequate. Subsoil supplies were 80% short and 20% adequate. A year ago, topsoil moisture was 14% short, 78% adequate and 8% surplus. Subsoil supplies were 6% short, 90% adequate and 4% surplus.

CROPS

Corn crop conditions remained stable and rated 11% poor, 38% fair, and 51% good. Eighty-five percent of the crop was mature compared to 20% last year and ten days ahead of the five-year average at 50%. Six percent of the grain crop was

CROPS (Cont.)

harvested, with none last year and only 1% average. Moisture levels varied considerably with plants heavily damaged by stalk rot and corn borers drying down quickly.

Soybean conditions were 17% poor, 80% fair and 3% good. Development was also ahead of the average with 90% turning color compared to 60% last year and 85% average. Sixty-five percent were shedding leaves with 15% previous year and 55% average. Harvesting was 5% complete with none combined last year and 4% average.

Sorghum conditions of 14% poor, 60% fair and 26% good were reported. Nearly two-thirds of the acreage was ripe, well ahead of 4% mature a year ago and 45% average. Harvesting was 6% completed with harvest not yet started last year and 3% average.

Winter wheat seeding was 80% complete, ahead of 70% last year but equal to the five-year average. Nearly half of the crop had emerged compared to 35% last year and 45% average. Some Panhandle wheat growers were reseeding field margins last week due to damage inflicted by grasshoppers. Early planted stands in western areas were frozen back by the abnormally low temperatures; however, the crop was not damaged severely by this cold period.

LIVESTOCK

Pasture and range feed supplies continued short to adequate. Many livestock producers are anxious to utilize grazing of fall crop residues as fields are harvested. Better livestock gains were reported with last week's cooler temperatures. Preparations for weaning, sorting and branding of spring calves was underway.

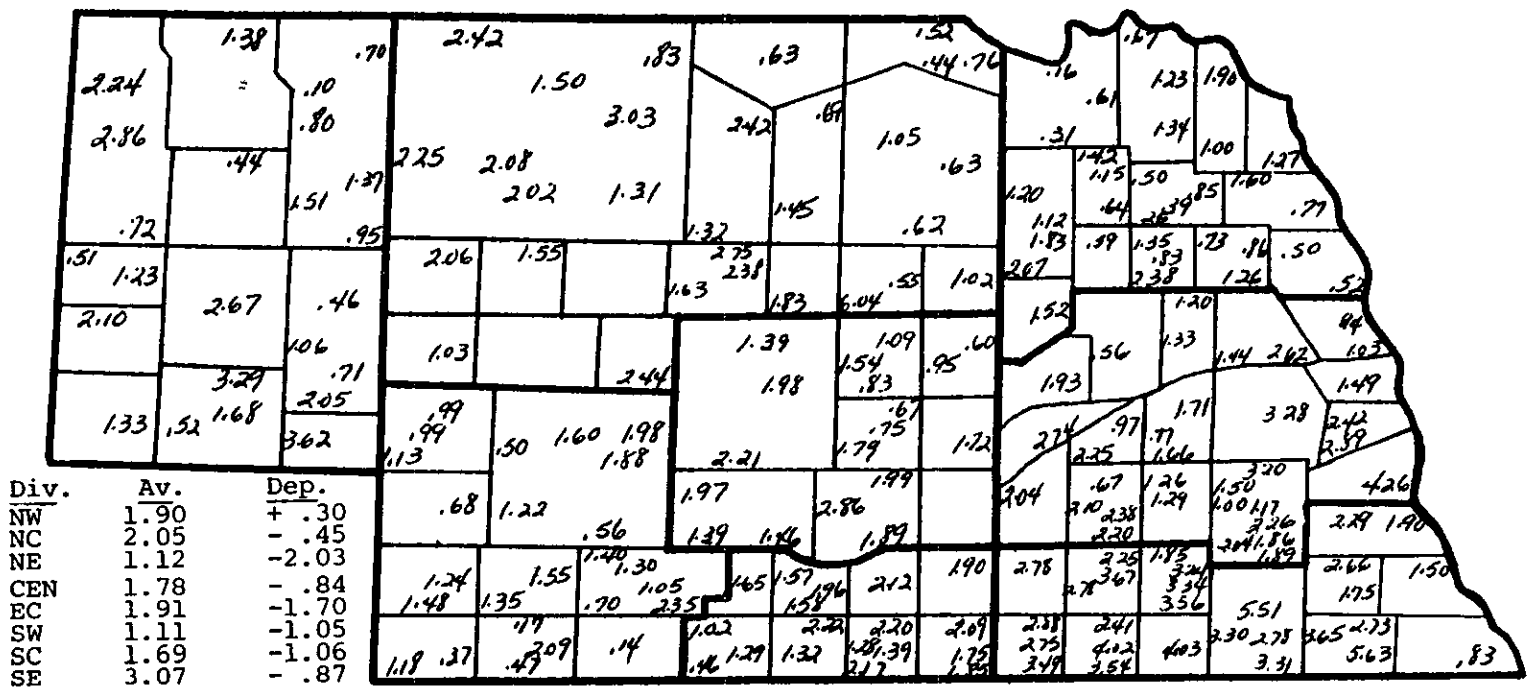
Precipitation, April 1 - September 23, 1983

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.00	.10	.20	.20	.70	.00	.40	.70
Total since April 1 .....	13.30	18.50	18.40	15.90	16.90	11.60	14.70	18.70
Normal since April 1 .....	13.49	16.21	19.31	17.93	21.15	15.06	18.42	22.79

NEBRASKA WEATHER & CROPS (ISSN 0745-0230) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Crop and Livestock Reporting Service (NCLRS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NCLRS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 471-5541 and available for \$12.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, Box 81069, Lincoln, NE 68501.

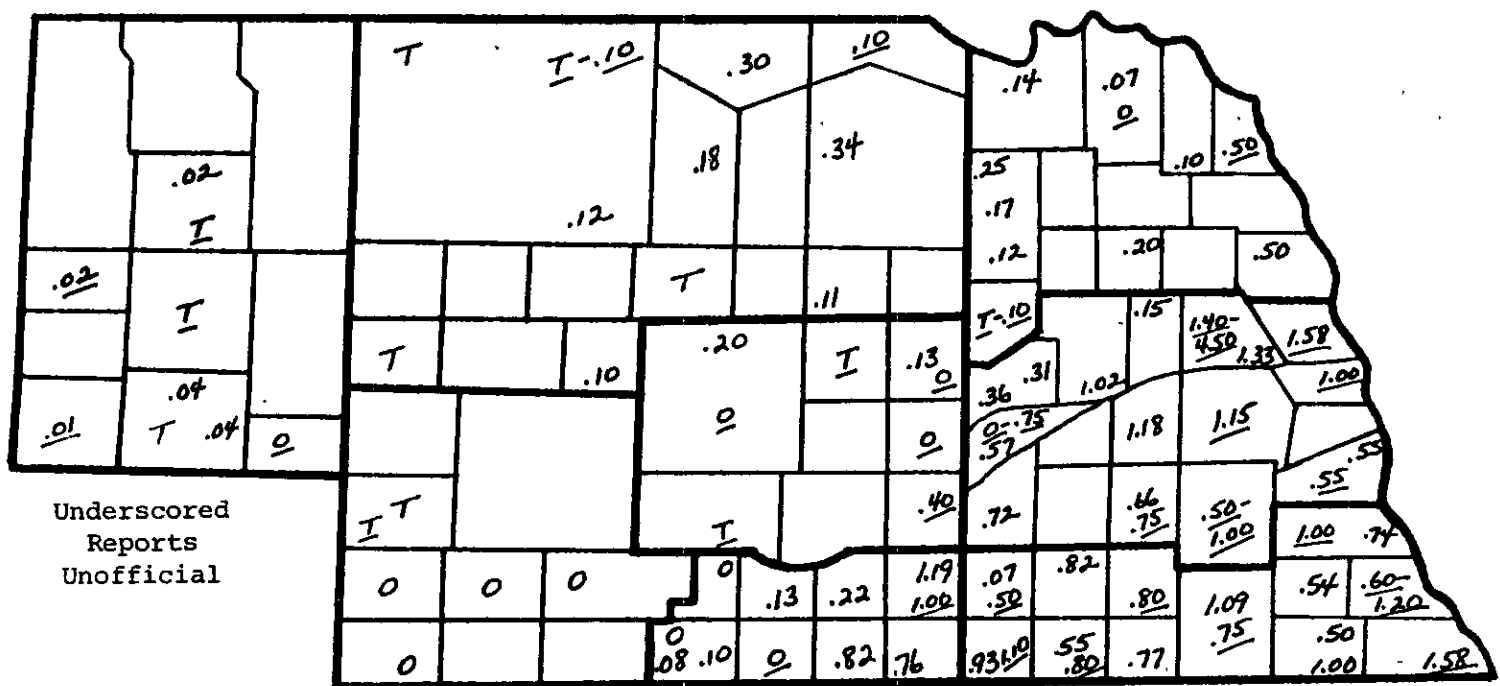
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# PRECIPITATION MAP FOR MONTH OF AUGUST 1983 1/



1/ Courtesy of the Center for Agricultural Meteorology and Climatology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

## PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 23, 1983



## TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, SEPTEMBER 25, 1983

Station		Temperature				Precipitation
		Extremes		Mean	Departure	Total Inches 1/
		Max	Min			
NW	Chadron	85	21	50	--	.02
	Scottsbluff	87	19	51	-8	.02
	Sidney	--	--	--	--	--
NC	Ord	--	--	--	--	--
	Valentine	90	26	51	-8	.13
NE	Norfolk	86	27	53	-8	.07
	Sioux City	86	31	54	-8	.12
CEN	Grand Island	93	33	56	-6	.24
EC	Lincoln	92	31	57	-6	.73
	Omaha	91	34	55	-7	1.00
SW	Imperial	90	25	54	--	0
	North Platte	89	24	50	-9	.05

1/ Precipitation totals not included in map above.